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PRODUCT CODE: 80M320
PRODUCT NAME: FIRESTARTER - STRAWBERRY

HMIS CODES: H F R P
1*3 0 B

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: FORREST PAINT CO.
ADDRESS : 1011 MCKINLEY ST.
EUGENE, OR 97402

EMERGENCY PHONE : 1(800)424-9300
INFORMATION PHONE : 1(541)342-1821
DATE PRINTED : 07/18/03
INFORMATION CONTACT: T. BOLLENBAUGH

SECTION II - REPORTABLE COMPONENTS

| REPORTABLE COMPONENTS | CAS NUMBER | mm Hg @ TEMP | WEIGHT PERCENT |
|---|------------|--------------|----------------|
| ISOPROPANOL | 67-63-0 | 33 68 | 75 - 85 |
| PEL-TWA: 400 ppm, PEL-STEL: 500 ppm, ACGIH-TLV: 400 ppm | | | |
| DENATURED ETHANOL | MIXTURE | 44 68 | 1 - 10 |
| PEL-TWA: 1000 ppm, ACGIH-TLV: 1000 ppm | | | |

SEE SECTION 9 FOR SARA AND HAPS INFORMATION.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 173 - 212
DENSITY : 7.18 lb/gl
SPECIFIC GRAVITY (H2O=1): 0.86
VAPOR DENSITY : Heavier than air.
EVAPORATION RATE: Slower than ether.

VOC AS SUPPLIED: 6.06 lb/gl 726 g/l
VOC EXCLUDING EPA EXEMPT SOLVENTS/WATER: 6.92 lb/gl 829 g/l

NOTE: Check with your state/local Air Quality regulatory agency to determine which VOC calculation you should use.

SOLUBILITY IN WATER: Insoluble.
APPEARANCE AND ODOR: Gel with alcohol odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 54 deg F METHOD USED: T.C.C.
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.5 UPPER: 19

EXTINGUISHING MEDIA: Foam, Alcohol foam, CO2, Dry chemical, Water fog.

SPECIAL FIREFIGHTING PROCEDURES:

Hazardous decomposition products may form from incomplete combustion. Wear full protection gear with self-contained positive pressure breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

FLAMMABLE LIQUID AND VAPORS!! Closed container can build pressure from heat and rupture violently. Volatile vapors can burn in the open or explode if confined. Vapor is heavier than air and can travel long

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distances to source of ignition.

SECTION V - REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID:

High temperatures, sources of ignition. Do not use in areas with poor ventilation.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

Note: This product is a blend of materials which has not been tested as a mixture. The health effect data is based on the individual components.

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

ISOPROPANOL: Exposure can cause irritation of the eyes, nose, mouth and throat. IPA is of low toxicity by any route and the TLV is set on the basis of eye, nose and throat irritation.

DENATURED ETHANOL: Prolonged and repeated exposure to vapors and mist may result in irritation of mucous membranes, headaches, and symptoms of central nervous system depression such as lack of concentration, somnolence.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

ISOPROPANOL: Contact can cause eye irritation.

DENATURED ETHANOL: Contact causes immediate burning and stinging sensation with tearing. High vapor concentrations may cause irritation.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

ISOPROPANOL: Can irritate the skin on contact, causing a rash or burning feeling.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

ISOPROPANOL: Can absorbed through the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

ISOPROPANOL: Ingestion gives rise to symptoms of alcoholic intoxication. Other symptoms may include vomiting, depression, headache, coma and shock.

DENATURED ETHANOL: Causes dizziness, drowsiness, decreased reaction time, euphoria, nausea, vomiting, staggering gait and coma.

CHRONIC HEALTH RISKS:

ISOPROPANOL: Skin exposure can cause itching, redness and rashes in some people. Repeated or prolonged exposure can cause dryness and cracking of skin. This chemical has not been adequately evaluated to determine whether brain or nerve damage could occur with repeated exposure. However, many solvents and other petroleum based chemicals

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have been shown to cause such damage.

Prolonged or repeated exposure to solvents may cause permanent brain and nervous system damage, including memory loss and impairment of coordination and reaction time. May cause toxic brain disease (encephalopathy), associated with brain tissue death. May cause liver and kidney damage. Inhaling concentrated vapors is harmful and may be fatal.

DENATURED ETHANOL: May cause liver, kidney, brain, central nervous system and eye damage.

CARCINOGENICITY:

NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
Not known to contain any ingredients recognized as carcinogens by the National Toxicology Program (NTP), the International Agency for Cancer Research (IARC) or the Occupational Safety and Health Administration (OSHA).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

ISOPROPANOL: Skin (dermal) reactions due to hypersensitivity.
Pre-existing skin, respiratory, blood, liver, and kidney disorders.

EMERGENCY AND FIRST AID PROCEDURES:

EYE AND SKIN CONTACT: In case of contact, immediately flush eyes (lifting eyelids occasionally) or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

INGESTION: If swallowed, do not induce vomiting. Get medical attention immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate all nonessential personnel. Remove all source of ignition. Ventilate area if possible. Avoid breathing vapors. Spill clean up beyond the scope of normal maintenance activities should be performed by trained response personnel.

In the event of a large transportation related spill or emergency call CHEMTREC at 1(800)424-9300.

WASTE DISPOSAL METHOD:

Waste material is a RCRA hazardous waste. Dispose of in accordance to Federal, state and local waste disposal regulations. Do not discharge into public water ways or water treatment facilities. Do not bury.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

FLAMMABLE LIQUID AND VAPORS. Store only in areas approved for flammable liquids. Keep clear of all sources of ignition. Ground and bond all holding and transfer containers. Storage temperature must be below 120 deg. F. Freezing temperatures may effect product stability. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT TRANSFER TO UNLABELED CONTAINER.

OTHER PRECAUTIONS:

Ignition temperatures of this product will decrease with increased

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vapor volume and vapor/air contact time and are influenced by pressure changes. Any proposed use of this product in elevated-temperature processes should be evaluated to assure that safe operating conditions are established.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION:

If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) levels, use a self-contained (air supplied) positive pressure breathing apparatus, or a NIOSH approved air purifying respirator (APR) equipped with organic vapor cartridges (black striped cartridge). Failure to use proper respiratory protection may be harmful or fatal.

User must be properly trained and fitted to assure effective protection. Follow all manufacturers recommendations for use of filter.

WARNING: Do not use an APR if oxygen level is below 19.5% by volume.

VENTILATION:

Sufficient ventilation, in volume and pattern should be provided to keep the air contaminants below the TLV/PEL levels. Remove vapors from low areas of stagnant air (e.g., corners near floor where vapors may collect).

NOTE: Always use respirator during spray applications regardless of ventilation.

PROTECTIVE GLOVES:

Use gloves impervious to solvent. Follow glove manufacturer's recommendation for selecting gloves according to the solvents in this product.

EYE PROTECTION:

Wear splash goggles or use face shield with safety glasses for splash protection. If vapor concentration causes eye irritation wear full-face respirator. Do not wear contact lenses when working with chemicals. Contact lenses can trap chemical next to eye which may increase eye damage.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A protective apron should be used for splash protection. When spraying this product a spray hood is recommended to cover hair and face. Skin should be covered as much as possible to protect from overspray or mist.

A continuous 15 minute eye wash station and a chemical spill shower should be available in case of emergency.

WORK/HYGIENIC PRACTICES:

In handling any chemicals, personal hygiene is extremely important. Always wash your hands and face before eating or when done handling or using this product. Keep food and drink out of work areas.

SECTION IX - REGULATORY INFORMATION

SARA 313 / 40 CFR 372: _____ % / WT

This product contains no reportable materials at or above normal reporting levels.